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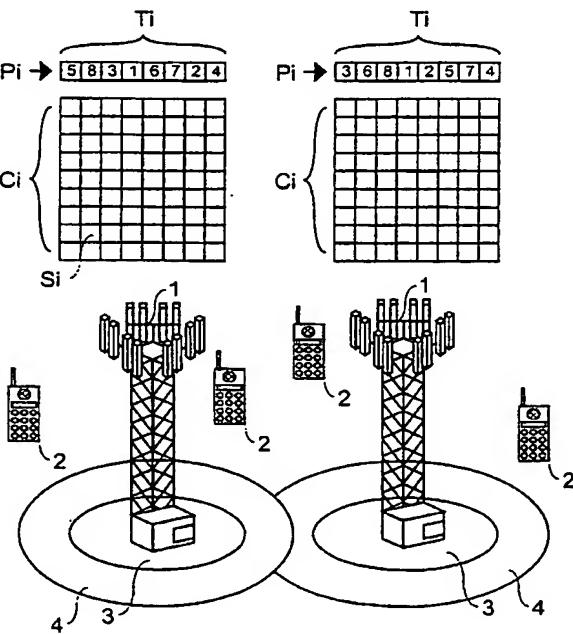
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(54) Title: METHOD AND SYSTEM FOR DYNAMIC ALLOCATION OF RADIO CHANNELS IN DIGITAL TELECOMMUNICATION NETWORKS



(57) Abstract: Method for the dynamic allocation of radio channels (Ci) in digital telecommunication networks with time division duplex access, whose radio signals are divided into frames having pre-determined duration and each frame is subdivided into a pre-determined number of time intervals (Ti) which are assigned priority values (Pi) based on measures of channel interference and/or quality (Ci), each communication service (Sx) employing a particular number (Rx) of said channels (Ci) at a time. This method includes at least a measurement of the signal attenuation (PLx) with which said communication service (Sx) has been requested, as well as the allocation of said number (Rx) of channels (Ci) of the communication service (Sx) in a time interval (Tx) having an increasing priority value (Pi) with the attenuation (PLx) of the relevant signal, in order that the services employing said number (Rx) of channels (Ci) are allocated in time intervals (Ti) having increasing priority values (Pi) with the attenuation of the relevant signal.

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